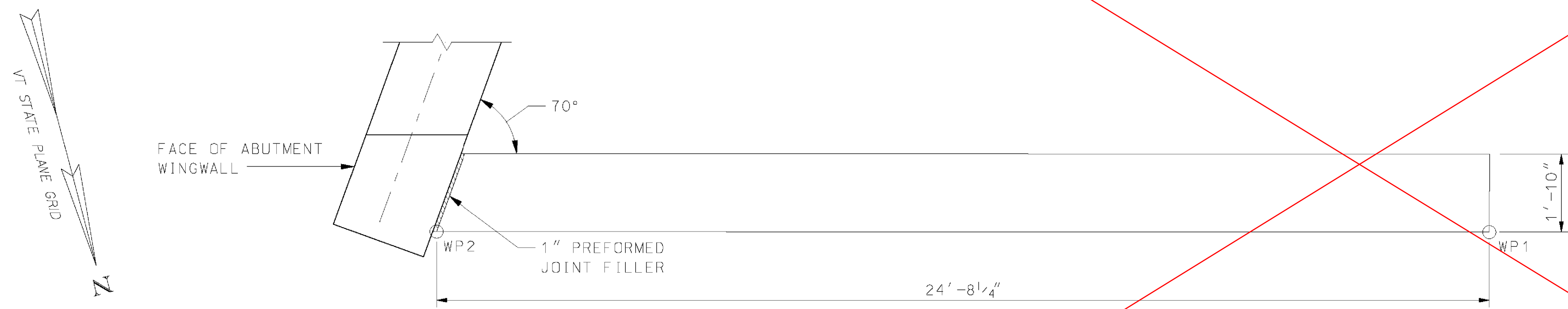
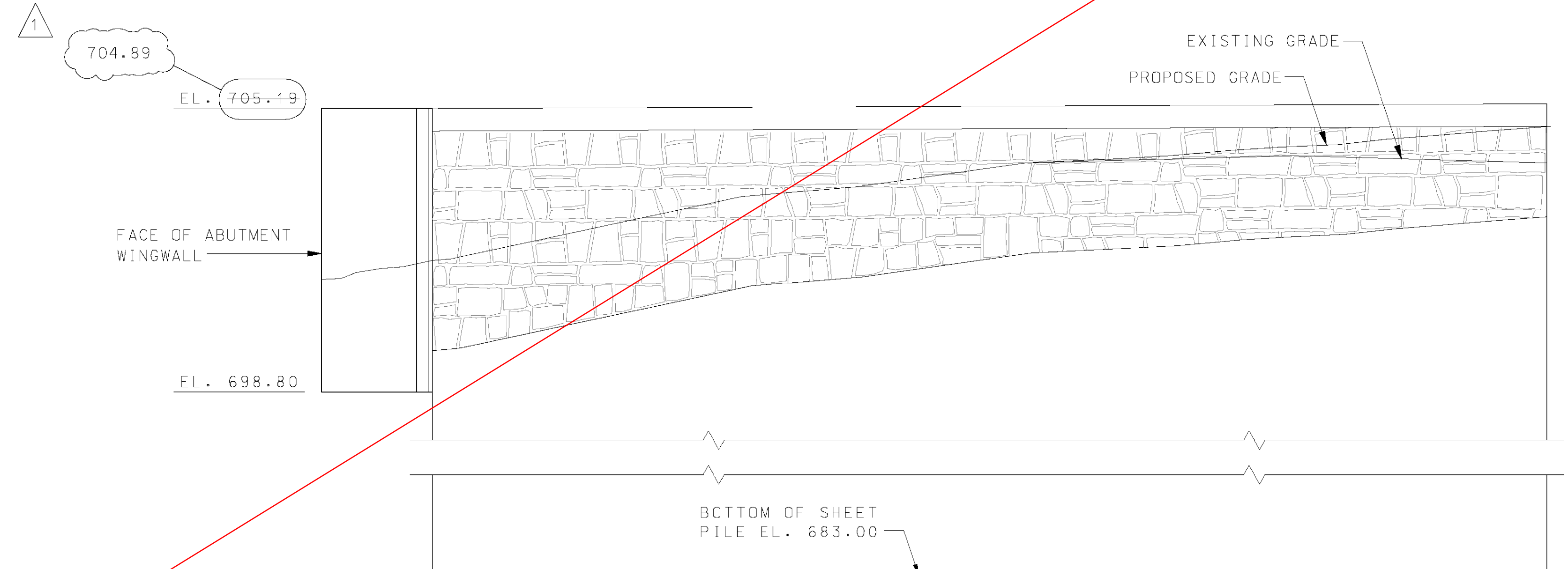


PLAN
SCALE: 1" = 10'



PLAN



ELEVATION

NW RETAINING WALL
SCALE: 1/2" = 1'-0"

**SUPERCEDED BY VALUE ENGINEERING
RETAINING WALL DESIGN SHEETS 1 & 2
DATED 5/9/2007.**

NOTES:

1. CONCRETE ARCHITECTURAL TREATMENT ON THE RETAINING WALL FACES SHALL BE FINISHED WITH AN ASHLAR STONE PATTERN. THE ASHLAR PATTERN SHALL BE ACHIEVED BY THE USE OF FORM LINERS. THE ASHLAR PATTERN FORM LINER SHALL BE ASHLAR STONE NO. 330 MULTI-CAST, AS MANUFACTURED BY GREENSTREAK, OR ASHLAR STONE P/C 30664, SYMONS DURA-TEX, AS MANUFACTURED BY SYMONS CORPORATION OR APPROVED EQUAL. ALL COSTS FOR CONCRETE AND FORM LINERS SHALL BE PAID UNDER ITEM 501.34. CONCRETE, HIGH PERFORMANCE CLASS B. ALL COSTS FOR WELDED WIRE REINFORCEMENT SHALL BE PAID UNDER ITEM 507.15, REINFORCING STEEL.
2. SHEET PILING MATERIAL SHALL BE ASTM A-328.
3. SE RETAINING WALL SHEET PILE SECTIONS SHALL BE PZ22 AND PAID AS ITEM 505.35, PERMANENT STEEL SHEET PILING (33.1 IN³). NE AND NW RETAINING WALL SHEET PILE SECTIONS SHALL BE PZ27 AND PAID AS ITEM 505.35, PERMANENT STEEL SHEET PILING (45.3 IN³).
4. PLACE A MINIMUM OF 1 SHEAR CONNECTOR PER 10 SF OF SHEETING, EACH FACE (SEE DETAIL ON SHEET 44). SHEAR CONNECTOR LENGTHS SHALL BE 10" AT THE SE RETAINING WALL AND 13" AT THE NE AND NW RETAINING WALLS. ALL COSTS SHALL BE PAID UNDER ITEM 508.15.
5. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO SHEETING INSTALLATION. THE PROPOSED RETAINING WALL MAY BE PENETRATED BY STOPPING ANY ONE SINGLE SHEET OVER EXISTING OR PROPOSED UTILITY AND CONTINUING ADJACENT SHEETS.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SHEETING LAYOUT, ARCHITECTURAL TREATMENT TYPE, SHEAR STUD LAYOUT, AND REINFORCING STEEL DETAILS PRIOR TO CONSTRUCTION PER SUBSECTION 105.03. ALL COSTS SHALL BE INCLUDED IN ITEM 505.35.

WORKING POINT COORDINATES				
WP	STATION	OFFSET	NORTHING	EASTING
WP1	5+32.75	LT 24.45'	109062.2566	133551.6526
WP2	5+55.88	LT 24.00'	109055.9578	133575.5543
WP3	9+33.66	LT 25.59'	108962.6466	133939.3372
WP4	7+57.46	LT 26.25'	109006.8799	133771.0848
WP5	7+56.13	LT 23.22'	109004.2336	133769.2497
WP6	7+43.50	RT 17.46'	108968.1581	133746.4678
WP7	8+47.18	RT 17.46'	108941.7975	133846.7368

NO.	DESCRIPTION	BY	DATE
1	ELEVATION REVISION	JAM	5/07

VHB Vanasse Hangen Brustlin, Inc.

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town of **WOODSTOCK** Bridge No. **50**

Highway No. **U.S. ROUTE 4** Log Sta.
Surv. Sta.

U.S. ROUTE 4 OVER OTTAUQUECHEE RIVER

RETAINING WALL LAYOUT (1 OF 2)

Designed By **W.M. MOSHER** Drawn By **B.J. MASSE**
Checked By **K.G. KRETSCH** Date **10/06** Bridge Design Supervisor **M.A. COLGAN** Date **10/06**

PROJECT **WOODSTOCK** PROJECT NO. **BHF 020-2 (32)**

I.G.C. Info.

Bridge Sheet No. **ZJ028RW1_R** Sheet **42R** of **71**